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1 Information visualization of attributed relational data
Mao Lin Huang
December 2001 **APVis '01: Proceedings of the 2001 Asia-Pacific symposium on Info visualisation - Volume 9** , Volume 9
Publisher: Australian Computer Society, Inc.
Full text available: Pdf (738.58 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 20,   Citation Count: 1

Traditional graph drawing is only concerned with viewing of abstract data and relations items. It uses a graph model to present the data items and the relations and tries to ge convert the abstract graph into a 2D plane for visualization. ...

Keywords: attributed relational data, graph drawing, information visualization, web br graph

2 Transformation of SBVR business design to UML models
Amit Raj, T. V. Prabhakar, Stan Hendryx
February 2008 **ISEC '08:** Proceedings of the 1st conference on India software engineering
Publisher: ACM
Full text available: Pdf (663.62 KB)   Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 142,   Citation Count: 0

This paper presents a methodology for transforming business designs written in OMG's Semantics of Business Vocabulary and Rules (SBVR) framework, into a set of UML mode the transformation of business vocabulary and rules written ...

Keywords: SBVR, UML, business design, business rules, model driven architecture, pro representation

3 From design to analysis models: a kernel language for performance and reliability component-based systems
Vincenzo Grassi, Raffaela Mirandola, Antonino Sabetta
July 2005   **WOSP '05:** Proceedings of the 5th international workshop on Software and pe
Publisher: ACM
Full text available: Pdf (428.48 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 75,   Citation Count: 8

To facilitate the use of non-functional analysis results in the selection and assembly of c component-based systems, automatic prediction tools should be devised, to predict som quality attribute of the application without requiring ...

4 An extensible framework for providing dynamic data structure visualizations in a lig

T. Dean Hendrix, James H. Cross, II, Larry A. Barowski

March 2004 **SIGCSE '04:** Proceedings of the 35th SIGCSE technical symposium on Compu education

Publisher: ACM

Full text available: Pdf (537.96 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 9,   Downloads (12 Months): 94,   Citation Count: 10

A framework for producing dynamic data structure visualizations within the context of a is described. Multiple synchronized visualizations of a data structure can be created with coding through the use of an external viewer model. ...

Keywords: algorithm animation, data structures, program visualization

Also published in:
    March 2004 **SIGCSE Bulletin** Volume 36 Issue 1

5 The ambient wood journals: replaying the experience

Mark J. Weal, Danius T. Michaelides, Mark K. Thompson, David C. DeRoure

August 2003 **HYPERTEXT '03:** Proceedings of the fourteenth ACM conference on Hypertex hypermedia

Publisher: ACM

Full text available: Pdf (349.20 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 3,   Downloads (12 Months): 31,   Citation Count: 9

The Ambient Wood project aims to facilitate a learning experience using an adaptive inf an outdoor environment. This involves sensor technology, virtual world orchestration, a of devices ranging from hand-held computers to ...

Keywords: adaptive infrastructure, consolidation, record and replay, storytelling

6 Proceedings of the 2009 ACM symposium on Applied Computing

Sung Y. Shin, Sascha Ossowski

March 2009 **SAC '09:** Proceedings of the 2009 ACM symposium on Applied Computing

Publisher: ACM

Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Citation Count: 0

On behalf of the Organizing Committee, we welcome you to the 24th Annual ACM Symp Applied Computing (SAC 2009) hosted by Chaminade University in Hawaii. This internat been dedicated to computer scientists, engineers and practitioners ...

7 Proceedings of the 2008 ACM symposium on Applied computing

Roger L. Wainwright, Hisham M. Haddad

March 2008 **SAC '08:** Proceedings of the 2008 ACM symposium on Applied computing

Publisher: ACM

Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Citation Count: 0

Welcome to the 23rd Annual ACM Symposium on Applied Computing (SAC 2008). This i event is dedicated to computer scientists, engineers, and practitioners seeking innovati various areas of computer applications. This year, the conference ...

8 Proceedings of the 27th international conference on Human factors in computing s

Dan R. Olsen, Jr., Richard B. Arthur, Ken Hinckley, Meredith Ringel Morris, Scott Hudson,

April 2009   **CHI '09:** Proceedings of the 27th international conference on Human factors in

systems
Publisher: ACM

Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Welcome to CHI 2009! CHI comprises many events, ranging from archival material stor digital library, to transient interactions such as the presentations, panels, and poster dis many social interactions and activities that ...

9 Proceeding of the 2nd international workshop on Ontologies and nformation syster semantic web
Ramez Elmasri, Martin Doerr, Mathias Brochhausen, Hyoil Han
October 2008 **ONISW '08:** Proceeding of the 2nd international workshop on Ontologies an systems for the semantic web
Publisher: ACM

Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

The emergence of the World Wide Web made massive amounts of data available and da many scattered electronic data sources (e-sources) over the Web. Even though some o' well-organized data sources, interoperability and integration ...

10 Deploying and managing Web services: issues, solutions, and directions
Qi Yu, Xumin Liu, Athman Bouguettaya, Brahim Medjahed
May 2008 **The VLDB Journal — The International Journal on Very Large Data Bas**
Issue 3
Publisher: Springer-Verlag New York, Inc.
Full text available: Pdf (903.96 KB) Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 254, Downloads (12 Months): 1812, Citation Count: 2

Web services are expected to be the key technology in enabling the next installment of form of the Service Web. In this paradigm shift, Web services would be treated as first-

Keywords: Interoperability, Service-oriented computing, Web service management sys

11 Model-driven design and deployment of service-enabled web applications
Ioana Manolescu, Marco Brambilla, Stefano Ceri, Sara Comai, Piero Fraternali
August 2005 **Transactions on Internet Technology (TOIT)** , Volume 5 Issue 3
Publisher: ACM
Full text available: Pdf (3.07 MB) Additional Information: full citation, abstract, references, cited by review

Bibliometrics: Downloads (6 Weeks): 40, Downloads (12 Months): 387, Citation Count: 16

Significant effort is currently invested in application integration, enabling business proce different companies to interact and form complex multiparty processes. Web service sta on WSDL (Web Service Definition Language), have been ...

Keywords: UML, Web application, Web services, WebML, modeling

12 Communications of the ACM: Volume 52 Issue 2
February 2009 Communications of the ACM
Publisher: ACM
Full text available: Digital Edition , Pdf (7.09 MB) Additional Information: full citation

Bibliometrics: Downloads (6 Weeks): 815, Downloads (12 Months): 2726, Citation Count: 0

13 Visualization of web spaces: state of the art and future directions

Ozgur Turetken, Ramesh Sharda

July 2007   **SIGMIS Database** , Volume 38 Issue 3
Publisher: ACM

Full text available: Pdf (1.39 MB)   Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 49,   Downloads (12 Months): 444,   Citation Count: 0

The World Wide Web is a dominant global communication medium and knowledge repos
by a great number of people with a variety of computer skills hence its usability is critic
many large information collections, the challenge ...

Keywords: human-computer interaction, information visualization, web usability

14 Tools and approaches for developing data-intensive Web applications: a survey

Piero Fraternali

September 1999 **Computing Surveys (CSUR)** , Volume 31 Issue 3
Publisher: ACM

Full text available: Pdf (524.80 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 70,   Downloads (12 Months): 628,   Citation Count: 53

The exponential growth and capillar diffusion of the Web are nurturing a novel generatio
applications, characterized by a direct business-to-customer relationship. The developm
applications is a hybrid between traditional IS development ...

Keywords: HTML, Intranet, WWW, application, development

15 Role-based access control on the web

Joon S. Park, Ravi Sandhu, Gail-Joon Ahn

February 2001 **Transactions on Information and System Security (TISSEC)** , Volume 4
Publisher: ACM

Full text available: Pdf (331.03 KB)   Additional Information: full citation, abstract, references, cited by
review

Bibliometrics: Downloads (6 Weeks): 50,   Downloads (12 Months): 356,   Citation Count: 27

Current approaches to access control on the Web servers do not scale to enterprise-wid
because they are mostly based on individual user identities. Hence we were motivated t
manage and enforce the strong and efficient RBAC access ...

Keywords: WWW security, cookies, digital certificates, role-based access control

16 Process modeling in Web applications

Marco Brambilla, Stefano Ceri, Piero Fraternali, Ioana Manolescu

October 2006 **Transactions on Software Engineering and Methodology (TOSEM)** , Vo
Publisher: ACM

Full text available: Pdf (1.17 MB)   Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 156,   Downloads (12 Months): 1209,   Citation Count: 12

While Web applications evolve towards ubiquitous, enterprise-wide or multienterprise in
systems, they face new requirements, such as the capability of managing complex proc
multiple users and organizations, by interconnecting software ...

Keywords: Web applications, Web engineering, conceptual modeling, worfklows

17 Model-driven design and development of semantic Web service applications

Marco Brambilla, Stefano Ceri, Federico Michele Facca, Irene Celino, Dario Cerizza, Emanu
November 2007 **Transactions on Internet Technology (TOIT)** , Volume 8 Issue 1
Publisher: ACM
Full text available: Pdf (2.17 MB)   Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 131,   Downloads (12 Months): 1365,   Citation Count: 1

This article proposes a model-driven methodology to design and develop semantic Web
applications and their components, described according to the emerging WSMO standar
we show that business processes and Web engineering models ...

Keywords: Semantic Web service, WSMO, WebML

18 Design/Methods & Tools: Designing for the Web: a survey

Pawan R. Vora
May 1998 **interactions** , Volume 5 Issue 3
Publisher: ACM
Full text available: Pdf (1.32 MB)   Additional Information: full citation, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 13,   Downloads (12 Months): 135,   Citation Count: 6

19 Model-driven development of Web applications: the AutoWeb system

Piero Fraternali, Paolo Paolini
October 2000 **Transactions on Information Systems (TOIS)** , Volume 18 Issue 4
Publisher: ACM
Full text available: Pdf (6.94 MB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 129,   Downloads (12 Months): 520,   Citation Count: 25

This paper describes a methodology for the development of WWW applications and a to
specifically tailored for the methodology. The methodology and the development enviro
based upon models and techniques already used in the hypermedia, ...

Keywords: HTML, WWW, application, development, intranet, modeling

20 An adaptive load balancing scheme for web servers

James Aweya, Michel Ouellette, Delfin Y. Montuno, Bernard Doray, Kent Felske
January 2002 **International Journal of Network Management** , Volume 12 Issue 1
Publisher: John Wiley & Sons, Inc.
Full text available: Pdf (1.00 MB)   Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 0,   Downloads (12 Months): 35,   Citation Count: 6

This paper describes an overload control scheme for web servers which integrates admi
and load balancing. The admission control mechanism adaptively determines the client
acceptance rate to meet the web servers' performance requirements ...